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JAN 29 1960

UNITED STATES

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

GEOLOGICAL SURVEY

O. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company TEXACO Inc. Address P.O. Box 352, Midland, Texas
Lessor or Tract Federal (USA) "B" NCT-1 Field Russell State New Mexico
Well No. 1 Sec. 14 T. 20-S R. 28-E Meridian NMPM County Eddy
Location 330 ft. N of S Line and 1657.3 ft. E of E Line of Section 14 Elevation 3242 ^{DF}
(Derrick floor relative to sea level)
The information given herewith is a complete and correct record of the well and all work done thereon
so far as can be determined from all available records.
Signed [Signature]
Date January 29, 1960 Title Asst. Dist. Supt.

The summary on this page is for the condition of the well at above date.

Commenced drilling January 16, 1960 Finished drilling January 27, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 757° to 768° No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

Drilled with rotary tools and no water sands tested.

No. 1, from _____ to _____ No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	299'	200	Howco		
5 1/2"	774'	200	Howco		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 828 feet, and from _____ feet to _____ feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

January 29, 1960 Put to producing January 28, 1960

The production for the first 24 hours was ----- barrels of fluid of which -----% was oil; -----% emulsion; -----% water; and -----% sediment. Gravity, °Bé. -----

If gas well, cu. ft. per 24 hours 529,200----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

B. G. Conner, Driller L. E. Williams, Driller

H. M. Heath _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	40	40	Caliche
40	70	30	Sand & Redbed
70	260	190	Redbed
260	420	160	Redbed & anhy
420	554	134	Salt
554	828	274	Anhy & Lime
Total Depth		828	
Open Hole		774' to 828'	

All measurements from rotary table
or 5' above ground level.

Estimate 5099

4- USGS
1- NMOCC
1- Division
1- Field
1- File

TOPS

Anhy	-	260'
Top of Salt	-	420'
Btm of Salt	-	553'
Yates	-	736'

Depth
Degrees Off

1/4
1/4

475
775

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

Spudded 11" hole 2:30 P.M. January 16, 1960. Ran 266' of 8 5/8" OD casing and cemented at 299' with 200 sx regular cement. Tested for 30 minutes before and after drilling plug with 600 PSI. Tested O.K. Job complete 11:30 A.M. January 18, 1960.

Core 1, 725' to 775', rec 50' any and sand bleeding oil. Ran 770' of 5 1/2" OD casing and cemented at 774' with 200 sx 4% Gel. Plug at 773'. Top of cement by temperature survey 410'. Tested for 30 minutes before and after drilling plug with 1000 PSI. Tested O.K. Job complete 8:30 P.M. January 21, 1960.

Perforate 5 1/2" OD casing with 2 jet shots per foot from 757' to 768'. Acidize with 500 gals regular acid, followed with 10,000 gals water and open hole from 774' to 828' with 500 gals regular acid, followed with 50 gals control flow in 40 bbls water, 2000 gals wtr and 2000 lbs sand at 8.7 BPM. Clean out trace sand and test.

On 12 hour PT well flowed 529,200 cu ft gas through 1 3/4" choke ending 4:00 A.M., January 29, 1960. Top of Pay 775', Btm of Pay 828'. NMOC Date January 27, 1960, TEXACO Inc. date January 29, 1960.